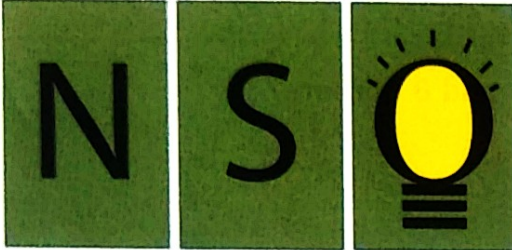
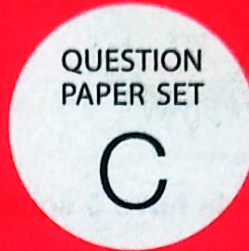




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**SOF NATIONAL SCIENCE
OLYMPIAD 2025-26**



Total Questions : 35

Time : 1 hr.

Guidelines for the Candidate

1. You will get additional ten minutes to fill up information about yourself on the OMR Sheet, before the start of the exam.
2. Write your **Name, School Code, Class, Section, Roll No.** and **Mobile Number** clearly on the **OMR Sheet** and do not forget to sign it. We will share your marks / result and other information related to SOF exams on your mobile number.
3. The Question Paper comprises three sections:
Logical Reasoning (5 Questions), **Science** (25 Questions) and **Achievers Section** (5 Questions)
Each question in Achievers Section carries 2 marks, whereas all other questions carry 1 mark each.
4. All questions are compulsory. There is no negative marking. Use of calculator is not permitted.
5. There is only ONE correct answer. Choose only ONE option for an answer.
6. To mark your choice of answers by darkening the circles on the OMR Sheet, use **HB Pencil** or **Blue / Black ball point pen** only.
E.g.
Q. 16: Hard outer covering of the tree trunk is called
A. Bark B. Spine C. Branch D. Bud.
As the correct answer is option A, you must darken the circle corresponding to option A on the OMR Sheet.
7. Rough work should be done in the blank space provided in the booklet.
8. Return the OMR Sheet to the invigilator at the end of the exam.
9. Please fill in your personal details in the space provided before attempting the paper.
10. **SOF - Techfest IIT Bombay Innovation Challenge - Open for class 8, 9 and 10. For more details, please visit : www.sofworld.org**



Name:.....

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6 Which of the following is an INCORRECT match?

Plant		Shape of leaf
A. Banyan	-	Oval-shaped
B. Maple	-	Hand-shaped
C. Peepal	-	Heart-shaped
D. Lotus	-	Needle-like

7

My legs are long, my toes are spread wide.
In muddy waters, I like to glide.
I catch fish with silent grace.
I live in this calm and watery place.

Who am I?

- A. Penguin B. Duck C. Heron D. Hummingbird

8 Match column I with column II and select the correct option.

Column I	Column II
(a) Granite	1. Making pencil leads
(b) Graphite	2. Used by dentists for polishing teeth
(c) Pumice	3. Construction of monuments
(d) Sandstone	4. Flooring and countertops
A. (a)-3, (b)-4, (c)-2, (d)-1	B. (a)-2, (b)-1, (c)-4, (d)-3
C. (a)-4, (b)-1, (c)-2, (d)-3	D. (a)-4, (b)-3, (c)-2, (d)-1

9 Which of the following food items belong to the same food group to which the food items shown in the given figure belong?



- A. Fish B. Pulses C. Orange D. Potato

10 While driving, Priya sees the following road sign. What action should she take next?

- A. Speed up as no vehicles are nearby.
B. Stop immediately and wait for a green signal.
C. Slow down as she is approaching a school zone.
D. Ignore the sign as it is only for pedestrians.



SPACE FOR ROUGH WORK

- 11 Our sense of 1 and 2 tell us that the cloth is blue and soft. 1 and 2 respectively are
A. Sight, touch B. Sight, smell C. Hearing, smell D. Touch, taste.

- 12 Precipitation is the process in which
A. Water changes into its gaseous form
B. Water vapour changes into its liquid form
C. Water falls on Earth in the form of rain, hail or snow
D. Water changes into its solid form.

- 13 Match column I with column II and select the correct option.

Column I	Column II
(a) Mars	1. Smallest planet
(b) Mercury	2. Hottest planet
(c) Venus	3. Largest planet
(d) Jupiter	4. Red planet

- A. (a)-4, (b)-1, (c)-2, (d)-3
C. (a)-4, (b)-3, (c)-1, (d)-2

- B. (a)-2, (b)-1, (c)-4, (d)-3
D. (a)-3, (b)-4, (c)-2, (d)-1

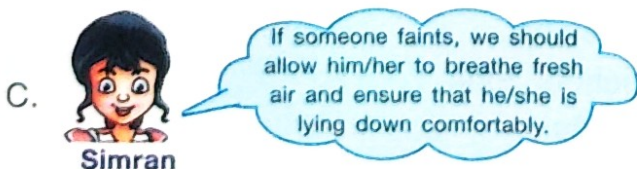
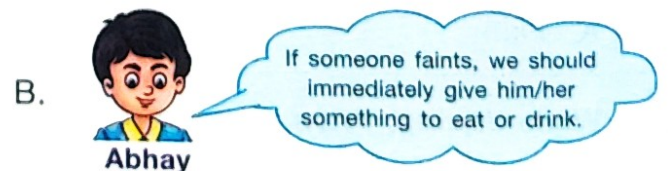
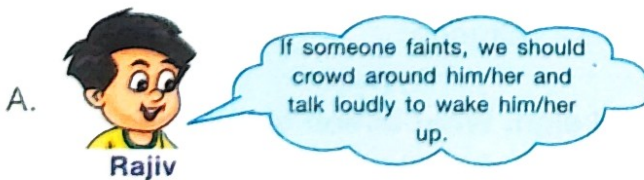
- 14 Which hand gesture represents a fish?



- 15 Which of the following options on unscrambling gives the name of a harvest festival celebrated in India?

- A. WLAIID B. SHTCRIMAS C. ONALGP D. BGUUPARR

- 16 Read the statements given by three children and select the one who has made a correct statement.

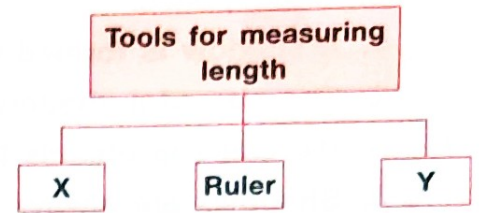


- D. None of these

SPACE FOR ROUGH WORK

- 17 Select the option that correctly identifies X and Y in the given classification chart.

X	Y
A. Electronic balance	Measuring cylinder
B. Thermometer	Manual weighing balance
C. Watch	Thermometer
D. Measuring tape	Metre rod



- 18 Select the odd one out on the basis of external and internal body parts.
- A. Brain B. Lungs C. Knees D. Heart

- 19 Select the correct statement regarding the means of transport shown in the given figure.

- A. It is the fastest means of transport on land.
 B. In India, it runs in Kolkata.
 C. It needs petrol to run, just like a car.
 D. None of these

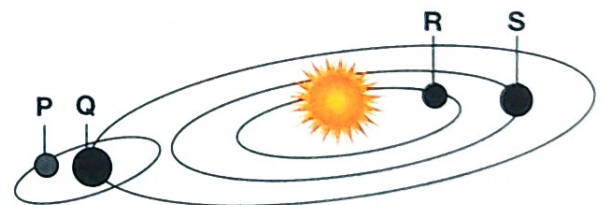


- 20 Which of the following statements is INCORRECT about force?

- A. A force can stop a moving object.
 B. A force can change the speed of a moving object.
 C. A force cannot make stationary objects move.
 D. A force can change the direction of a moving object.

- 21 Which of the following characteristics is common for both the heavenly bodies P and Q in the given picture?

- A. They both have water and life.
 B. They both rotate on their axes.
 C. They both shine with their own light.
 D. They both are stars.

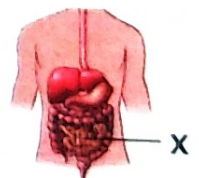


- 22 Ravi is the son of your father's brother. How is Ravi related to you?

- A. Nephew B. Uncle C. Niece D. Cousin

- 23 Select the INCORRECT statement regarding the organ X shown in the given figure.

- A. It absorbs nutrients from the digested food.
 B. It is the longest part of the human digestive system.
 C. It produces saliva.
 D. It has hair-like structures, which are supplied with blood vessels.



SPACE FOR ROUGH WORK

24 Read the given statements and select the option that correctly identifies them as true (T) or false (F) ones.

1. A shadow is formed when light passes through an object.
2. The size of a shadow depends on the distance of object from the light source.
3. We can see objects because light bounces off them and reaches our eyes.
4. Shadows are always formed on the same side of the light source.

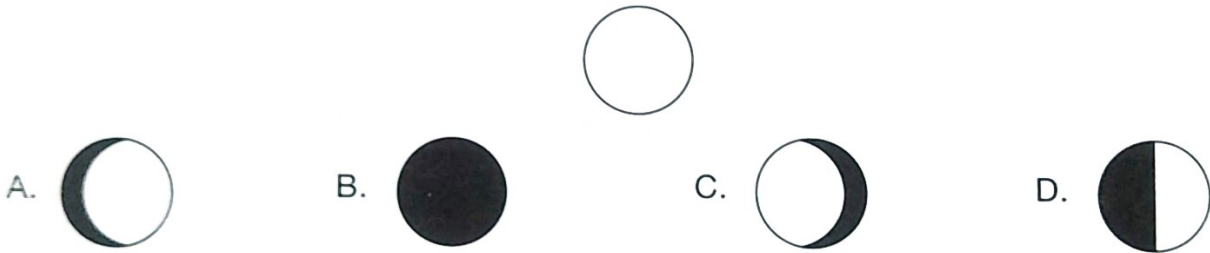
	1	2	3	4
A.	T	T	F	F
B.	F	T	F	F
C.	F	T	T	F
D.	T	F	T	T

25 Unscramble the letters to find the name of the professional shown in the given picture and select the correct option.

- | | |
|-------------|----------------|
| A. RELOBCB | B. RECOGNEERGR |
| C. CNIAHCEM | D. ROSPTCUL |



26 Priya observed the given phase of the Moon on 3rd December. What phase of Moon will she observe on 17th December?

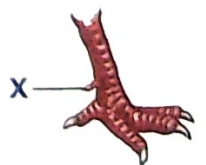


27 In the water cycle, X is the process where water changes into vapour, and Y is the process where vapour turns back into water droplets. Identify X and Y and select the correct option.

- | | |
|--------------------------------------|--------------------------------------|
| A. X – Condensation, Y – Evaporation | B. X – Evaporation, Y – Condensation |
| C. X – Condensation, Y – Freezing | D. X – Evaporation, Y – Melting |

28 Identify the part labelled X in the given picture of leg of a bird and select the correct option.

- | | |
|----------|-----------|
| A. Talon | B. Comb |
| C. Spur | D. Wattle |



SPACE FOR ROUGH WORK

29 Which of the following statements is **INCORRECT** regarding the animal shown in the given picture?

- A. It is a herbivore.
- B. Its young one is called foal.
- C. It makes a sound called trumpet.
- D. It lives in a stable.

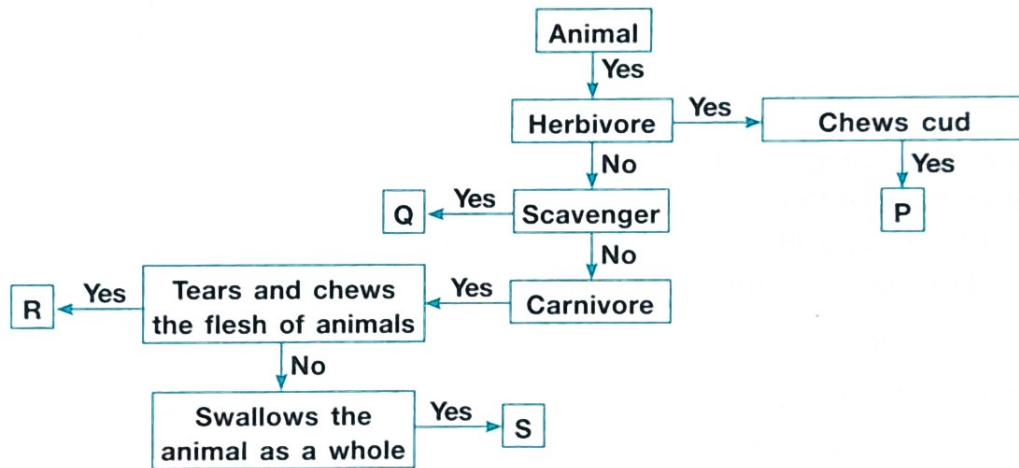


30 Which of the following is the primary nutrient that helps in building strong bones and teeth?

- A. Carbohydrates B. Fats C. Calcium D. Roughage

ACHIEVERS SECTION

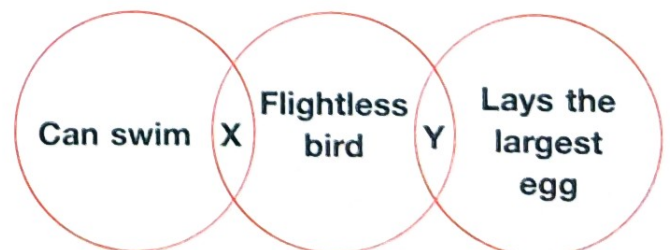
31 Study the given flow chart and select the option that correctly identifies animals P, Q, R and S.



- | P | Q | R | S |
|-------------|-----------|----------|---------|
| A. Cow | Hyena | Tiger | Snake |
| B. Giraffe | Cat | Hyena | Wolf |
| C. Elephant | Zebra | Elephant | Goat |
| D. Bear | Crocodile | Cow | Leopard |

32 Refer to the given Venn diagram and select the option that correctly identifies X and Y.

- | X | Y |
|-------------|-------------|
| A. Crane | Kiwi |
| B. Penguin | Ostrich |
| C. Goose | Emu |
| D. Flamingo | Hummingbird |



SPACE FOR ROUGH WORK

33 Which of the following CANNOT be found in the given word grid?

- A. Fibre that helps to remove waste from our body
- B. The main nutrient found in cereals
- C. A spice that is obtained from the bud of a plant
- D. A plant whose seeds are used to obtain oil

Q	R	U	K	U	K	H
J	O	H	L	D	L	R
M	U	S	T	A	R	D
P	G	O	C	B	D	B
T	H	P	L	R	Q	P
C	A	Q	O	M	B	S
H	G	J	V	N	P	J
I	E	H	E	P	T	M

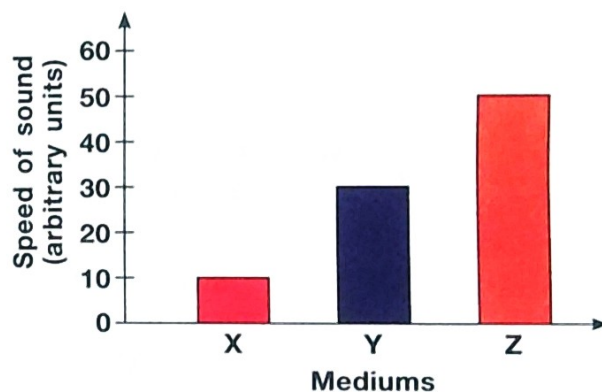
34 Refer to the given table and select the option that correctly identifies W, X and Y.

- | | | | |
|----|-----------|-------|-----------|
| | W | X | Y |
| A. | Silk | Nylon | Linen |
| B. | Cotton | Wool | Polyester |
| C. | Wool | Linen | Cotton |
| D. | Polyester | Wool | Linen |

Characteristic	Fibre		
	W	X	Y
Obtained either from plants or animals	✓	✓	x
Ideal for making summer clothing	✓	x	x
Used to make sweaters	x	✓	x
Waterproof	x	x	✓

35 Rahul plotted a bar graph to show the speed of sound in three different mediums X, Y and Z. Study the graph and select the option that correctly identifies mediums X, Y and Z.

- A. X – Air, Y – Water, Z – Iron
- B. X – Water, Y – Air, Z – Iron
- C. X – Iron, Y – Water, Z – Air
- D. X – Air, Y – Iron, Z – Water



SPACE FOR ROUGH WORK



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